

Attorney Docket No.: DC-0155
Inventors: Brinckerhoff and Rutter
Serial No.: 09/856,749
Filing Date: August 12, 2002
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This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1 (original): A method of diagnosing a matrix metalloproteinase-1 related disease in a patient comprising detecting in the patient matrix metalloproteinase-1 containing the Ets transcription factor binding site single nucleotide polymorphism.

Claim 2 (original): A method of prognosticating a matrix metalloproteinase-1 related disease in a patient suffering from a matrix metalloproteinase-1 related disease comprising detecting in the patient matrix metalloproteinase-1 containing the Ets transcription factor binding site single nucleotide polymorphism.

Claim 3 (original): A kit for diagnosing and prognosticating MMP-1 related diseases in a patient sample comprising a means for detecting matrix metalloprotenase-1 containing the Ets transcription factor binding site single nucleotide polymorphism in a patient sample.

Claim 4 (original): A method of identifying potential therapeutic agents for treatment of a matrix metalloproteinase-1 related disease comprising determining a potential therapeutic agent's ability to inhibit binding of a transcription factor to an Ets transcription factor binding site of single nucleotide polymorphism matrix metalloproteinase-1.

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Claim 5 (original): A method of treating patients suffering from a matrix metalloproteinase-1 related disease comprising administering to the patient an agent which inhibits binding of a transcription factor to an Ets transcription factor binding site of single nucleotide polymorphism matrix metalloproteinase-1.